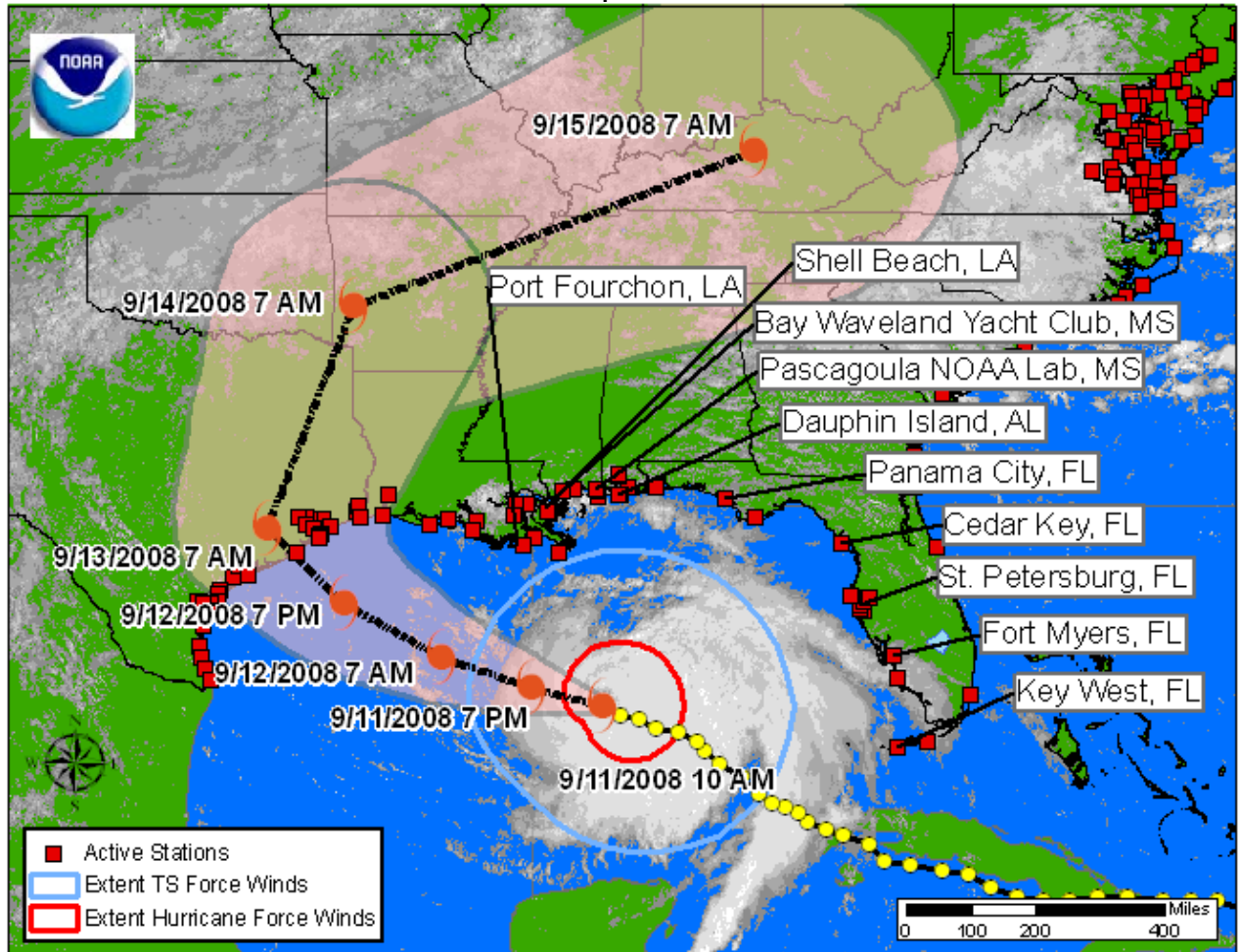


Hurricane IKE QuickLook  
Posted: 11:00 CDT 09/11/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/11/2008 11:00 CDT, water levels are elevated along the Gulf coast from southern Florida to eastern Louisiana. Water levels from the Florida Panhandle westward to Louisiana are rising and the elevation is up to 4 feet above predictions at some stations. Water level at Shell Beach, LA is currently 4.2 feet above predicted. Barometric pressure and winds along the Gulf coast are now showing the influence from Hurricane Ike. Barometric pressure slightly started to fall, winds are getting stronger with gusts over 30 knots currently registered at Shell Beach, LA. Barometric pressure at southern Florida stations started to rise.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

**Port Fourchon, LA: Next predicted high tide is 1.68 ft (0.51 m) at 09/12/2008 08:00 CDT.**

**Shell Beach, LA: Next predicted high tide is 1.60 ft (0.49 m) at 09/11/2008 17:44 CDT.**

**Bay Waveland Yacht Club, MS: Next predicted high tide is 1.90 ft (0.58 m) at 09/12/2008 10:24 CDT.**

**Pascagoula NOAA Lab, MS: Next predicted high tide is 1.46 ft (0.45 m) at 09/12/2008 08:30 CDT.**

**Dauphin Island, AL: Next predicted high tide is 1.60 ft (0.49 m) at 09/12/2008 07:18 CDT.**

**Panama City, FL: Next predicted high tide is 1.78 ft (0.54 m) at 09/12/2008 07:42 CDT.**

**Cedar Key, FL: Next predicted high tide is 3.26 ft (0.99 m) at 09/12/2008 01:12 EDT.**

**St. Petersburg, FL: Next predicted high tide is 1.82 ft (0.56 m) at 09/12/2008 02:06 EDT.**

**Fort Myers, FL: Next predicted high tide is 1.50 ft (0.46 m) at 09/11/2008 13:42 EDT.**

**Key West, FL: Next predicted high tide is 1.4 ft (0.43 m) at 09/11/2008 20:54 EDT.**

**For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.**

**Analyst: KG**

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE IKE ADVISORY NUMBER 42**

**1000 AM CDT THU SEP 11 2008**

**... IKE CONTINUES TO GROW IN SIZE BUT HAS NOT STRENGTHENED YET ...  
HURRICANE WARNING ISSUED FOR NORTHWESTERN GULF COAST.**

**AT 10 AM CDT A HURRICANE WARNING HAS BEEN ISSUED FROM MORGAN CITY  
LOUISIANA TO BAFFIN BAY TEXAS. HURRICANE CONDITIONS  
COULD REACH THE COAST WITHIN THE WARNING AREA BY LATE FRIDAY.**

**AT 10 AM CDT A TROPICAL STORM WARNING HAS BEEN ISSUED FROM SOUTH OF  
BAFFIN BAY TO PORT MANSFIELD TEXAS. A HURRICANE WATCH REMAINS IN EFFECT  
FOR THIS AREA.**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FROM EAST OF MORGAN CITY  
TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND  
LAKE PONTCHARTRAIN.**

**AT 1000 AM CDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 580 MILES EAST-SOUTHEAST OF CORPUS CHRISTI TEXAS AND ABOUT 470 MILES EAST-SOUTHEAST OF GALVESTON TEXAS.**

**IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 10 MPH. A GENERAL WEST-NORTHWESTWARD MOTION IS EXPECTED OVER THE NEXT DAY OR SO AND THE CENTER OF IKE SHOULD BE VERY NEAR THE COAST BY LATE FRIDAY. HOWEVER BECAUSE IKE IS A VERY LARGE TROPICAL CYCLONE WEATHER WILL DETERIORATE ALONG THE COASTLINE LONG BEFORE THE CENTER REACHES THE COAST.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. IKE IS FORECAST TO BECOME A MAJOR HURRICANE PRIOR TO REACHING THE COASTLINE.**

**IKE REMAINS A VERY LARGE TROPICAL CYCLONE. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES.**

**THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY A NOAA HURRICANE HUNTER AIRCRAFT WAS 945 MB.**

**COASTAL STORM SURGE FLOODING OF UP TO 20 FT ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF IKE MAKES LANDFALL. COASTAL STORM SURGE FLOODING OF 5 TO 7 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS WAVES CAN BE EXPECTED WITHIN THE TROPICAL STORM WARNING AREA ALONG THE NORTHERN GULF COAST. ABOVE NORMAL TIDES IN THE EASTERN GULF OF MEXICO SHOULD GRADUALLY SUBSIDE OVER THE NEXT DAY OR SO.**

**IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 5 TO 10 INCHES ALONG THE CENTRAL AND UPPER TEXAS COAST AND OVER PORTIONS OF SOUTHWESTERN LOUISIANA WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE OVER PORTIONS OF THE YUCATAN PENINSULA.**

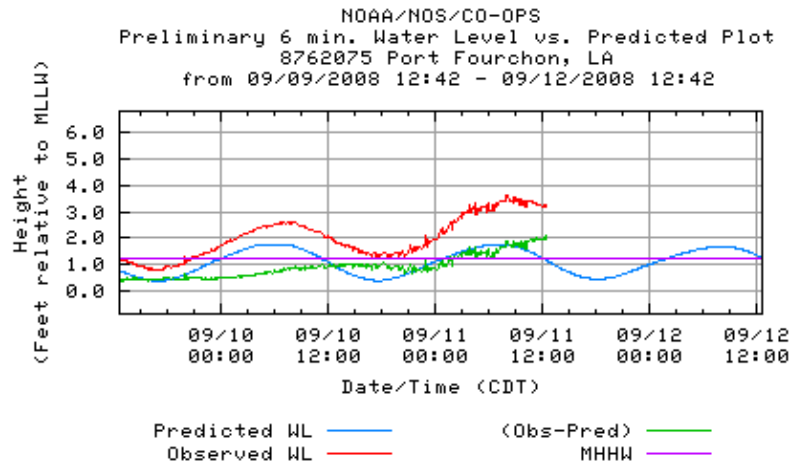
**FORECASTER FRANKLIN**

**For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.**

**Jump to: [Port Fourchon - Water Level](#), [Shell Beach - Water Level](#), [Shell Beach - Air/Water Temp](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Bay](#)**

Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Pascagoula NOAA Lab - Water Level, Dauphin Island - Water Level, Dauphin Island - Air/Water Temp, Dauphin Island - Winds, Dauphin Island - Barometric, Panama City - Water Level, Panama City - Air/Water Temp, Panama City - Winds, Panama City - Barometric, Cedar Key - Water Level, St. Petersburg - Water Level, St. Petersburg - Air/Water Temp, St. Petersburg - Winds, St. Petersburg - Barometric, Fort Myers - Water Level, Fort Myers - Air/Water Temp, Fort Myers - Winds, Fort Myers - Barometric, Key West - Water Level, Key West - Barometric,

**Port Fourchon, LA - Station Map** [Return to List](#)

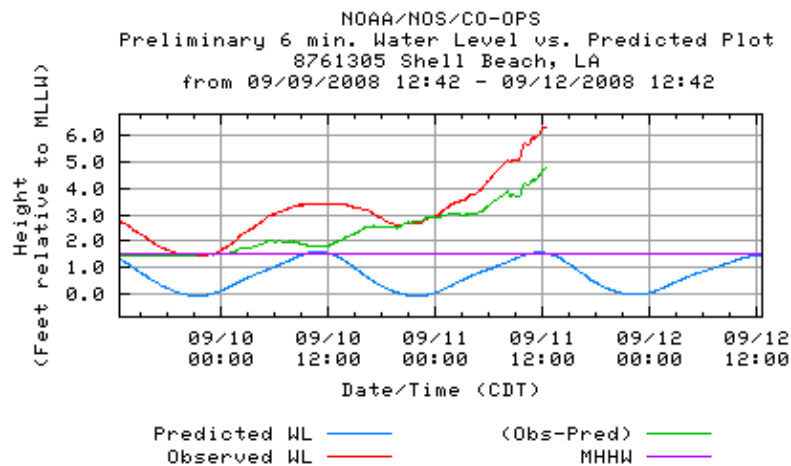


Last Observed Sample: 09/11/2008 12:30 (CDT)

Relative to **MLLW**: **Observed: 3.16 ft. Predicted: 1.17 ft. Residual: 1.99 ft.**

Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

**Shell Beach, LA - Station Map** [Return to List](#)

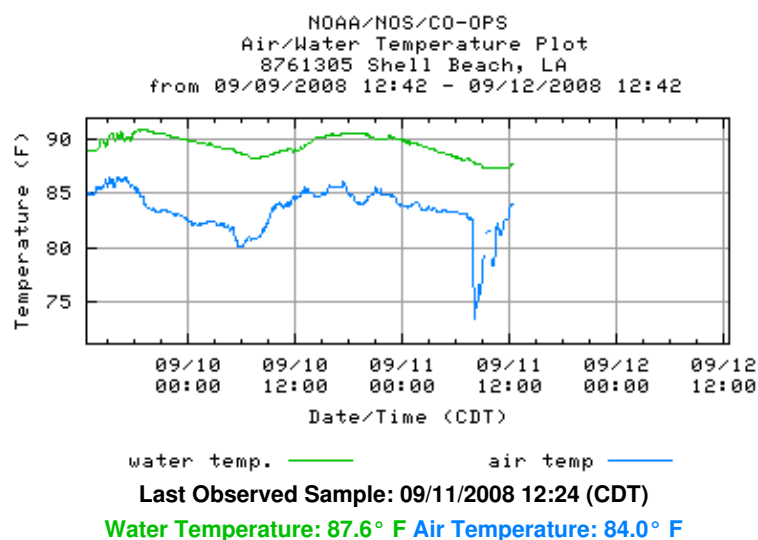


Last Observed Sample: 09/11/2008 12:24 (CDT)

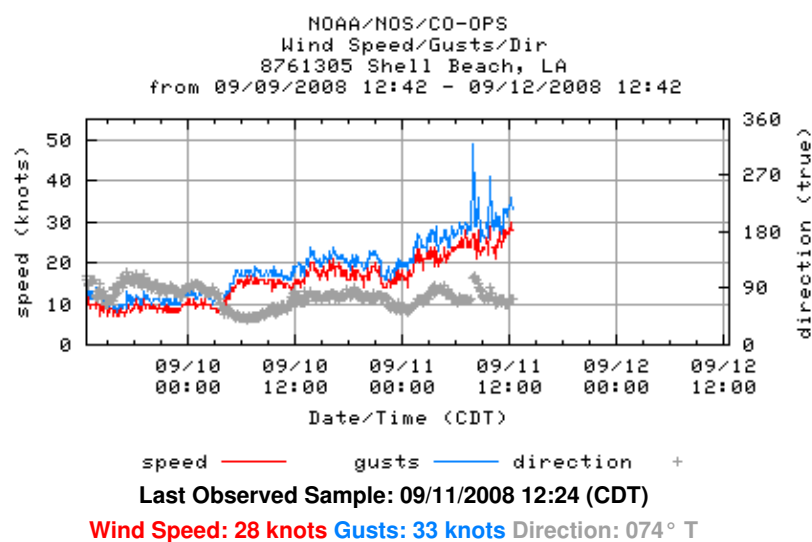
Relative to **MLLW**: **Observed: 6.31 ft. Predicted: 1.56 ft. Residual: 4.75 ft.**

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

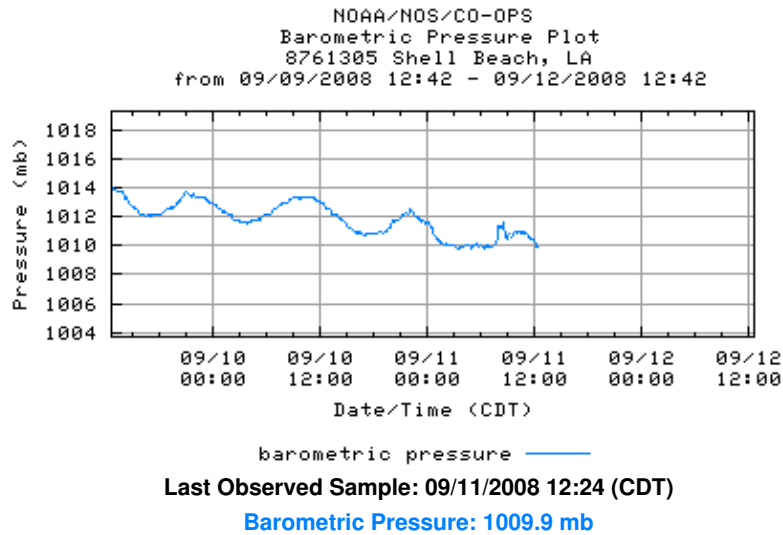
**Shell Beach, LA - Station Map** [Return to List](#)



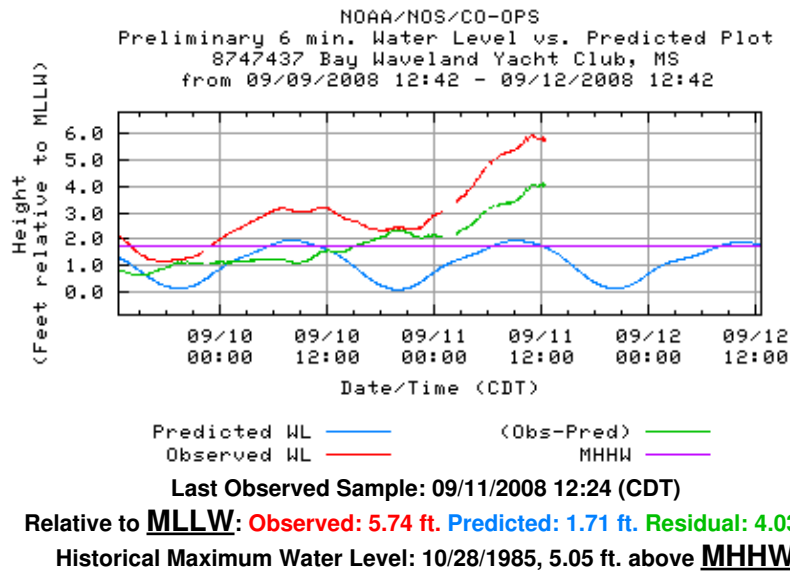
**Shell Beach, LA - Station Map** [Return to List](#)



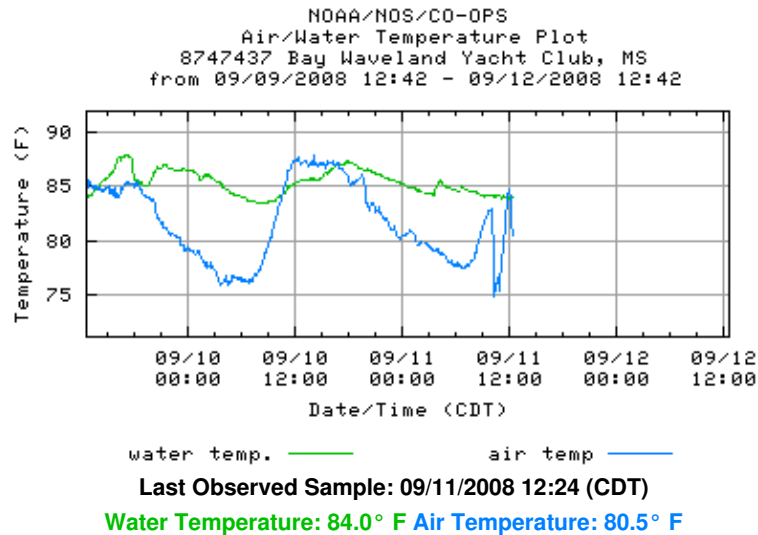
**Shell Beach, LA - Station Map** [Return to List](#)



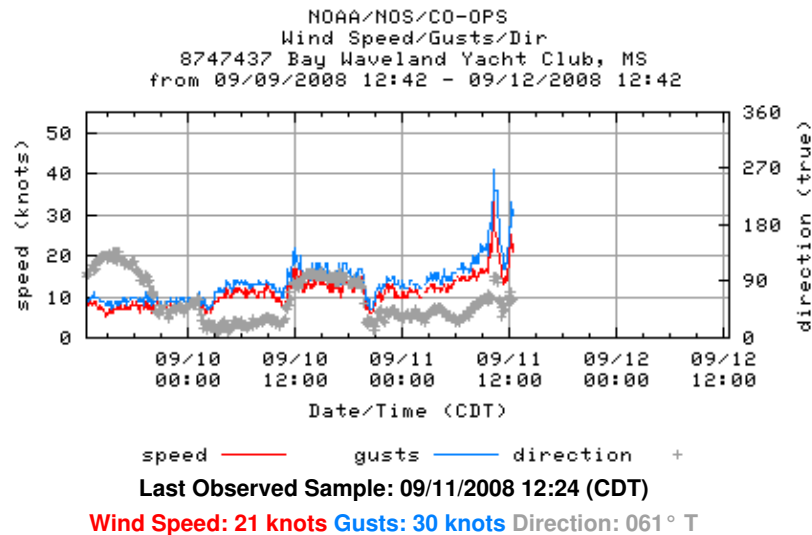
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)

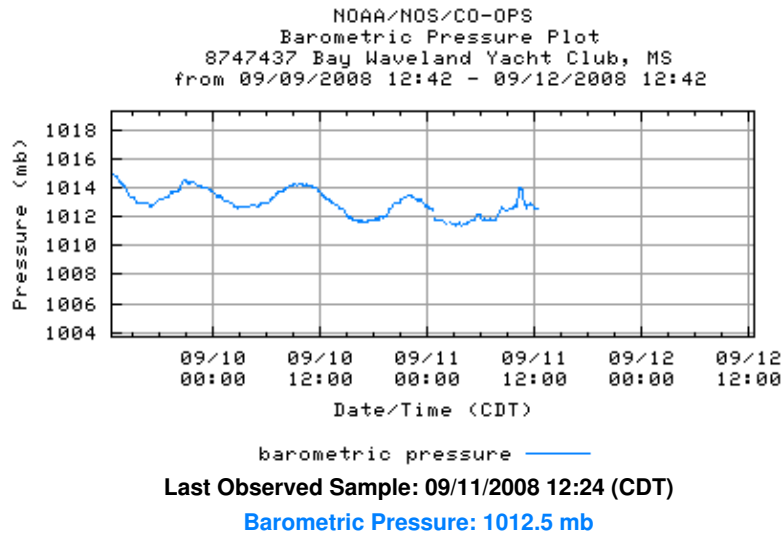


**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)

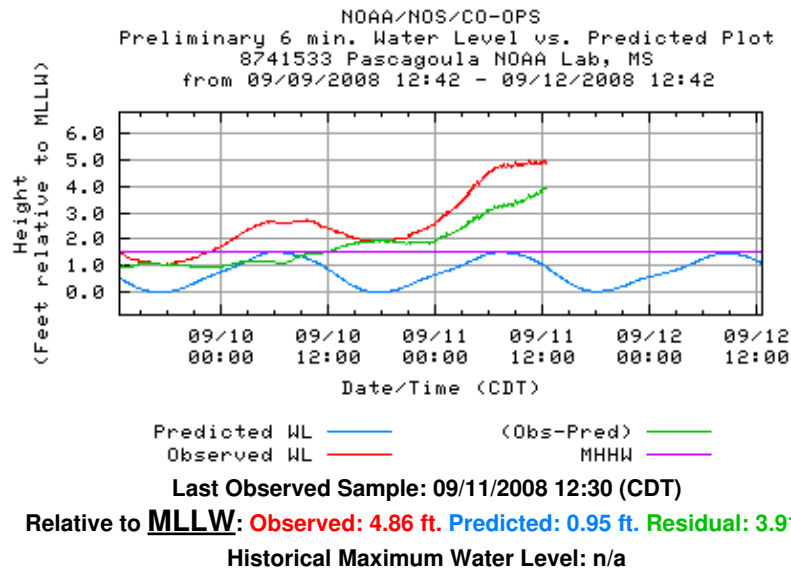




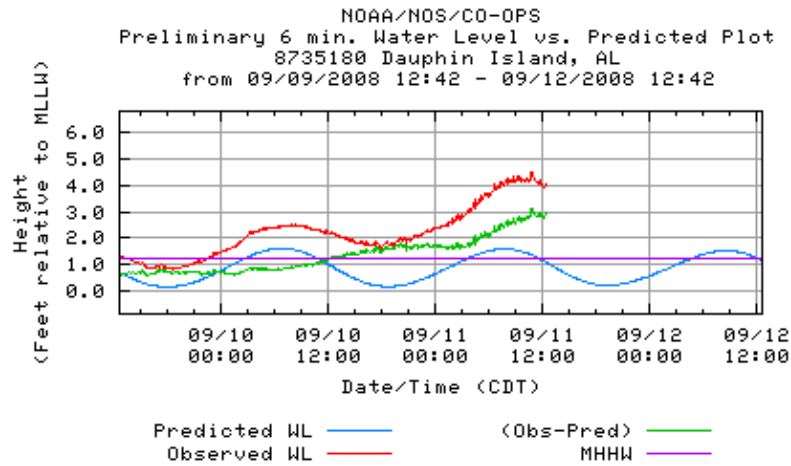
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Pascagoula NOAA Lab, MS - Station Map** [Return to List](#)



**Dauphin Island, AL - Station Map** [Return to List](#)

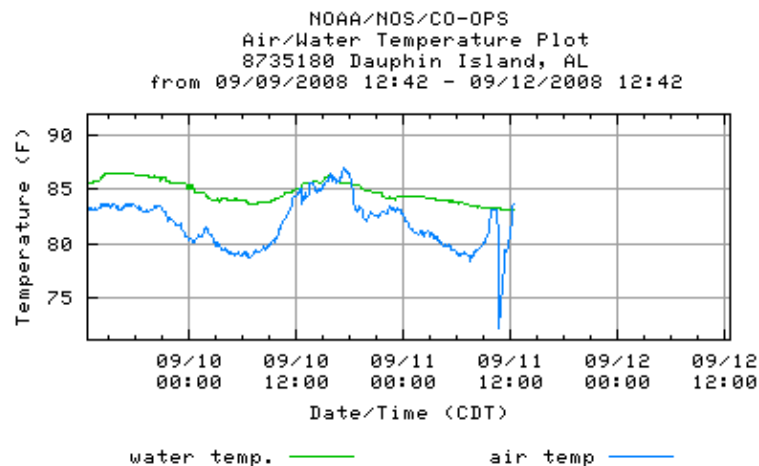


Last Observed Sample: 09/11/2008 12:24 (CDT)

Relative to **MLLW**: **Observed: 4.08 ft.** **Predicted: 1.11 ft.** **Residual: 2.97 ft.**

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

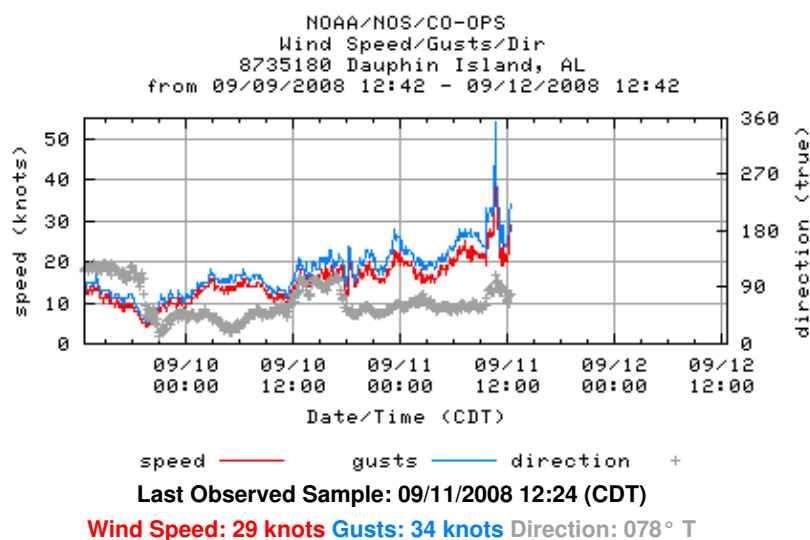
**Dauphin Island, AL - Station Map** [Return to List](#)



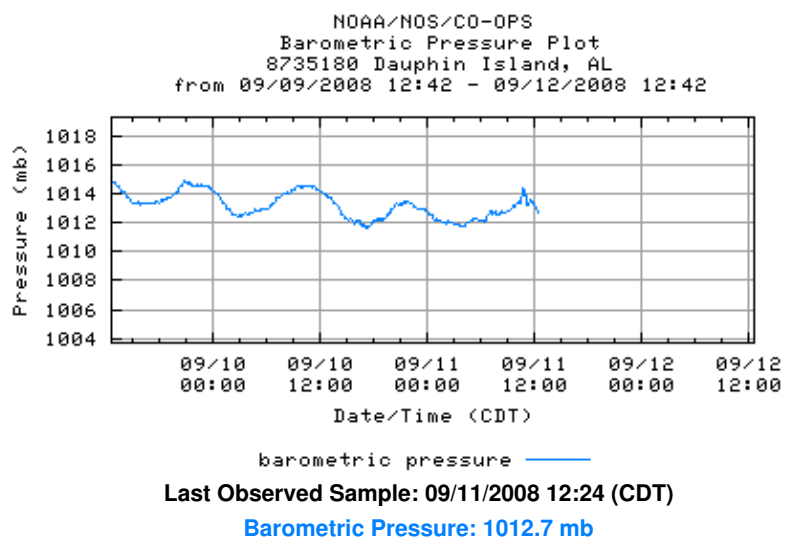
Last Observed Sample: 09/11/2008 12:24 (CDT)

**Water Temperature: 83.1° F** **Air Temperature: 83.7° F**

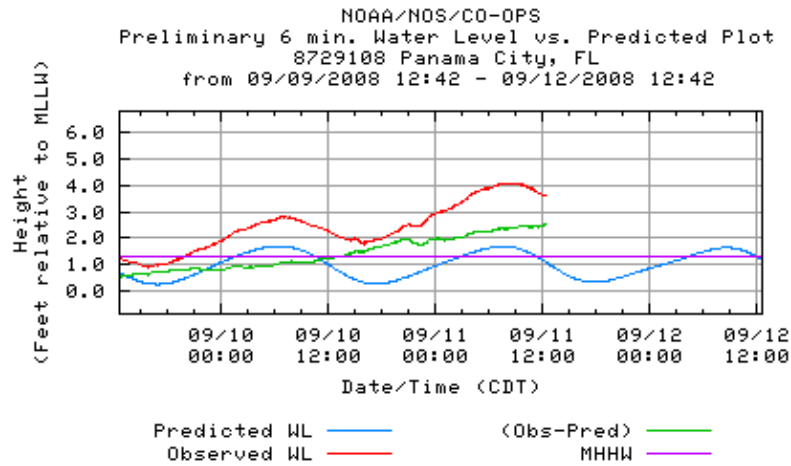
**Dauphin Island, AL - Station Map** [Return to List](#)



**Dauphin Island, AL - Station Map** [Return to List](#)



**Panama City, FL - Station Map** [Return to List](#)

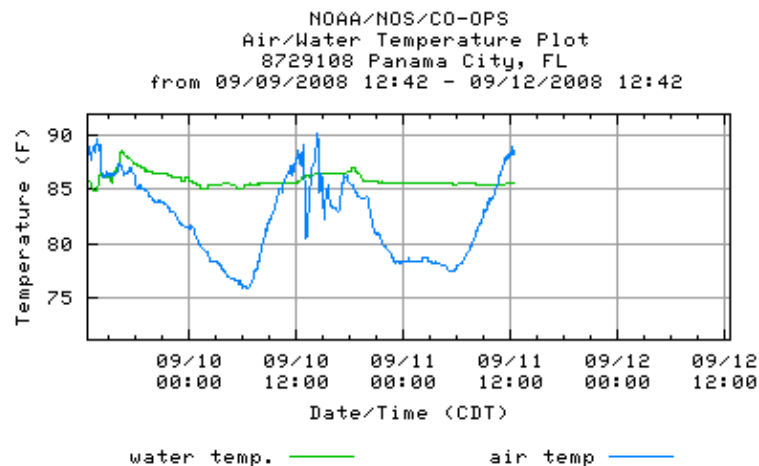


Last Observed Sample: 09/11/2008 12:24 (CDT)

Relative to **MLLW**: **Observed: 3.64 ft. Predicted: 1.11 ft. Residual: 2.53 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

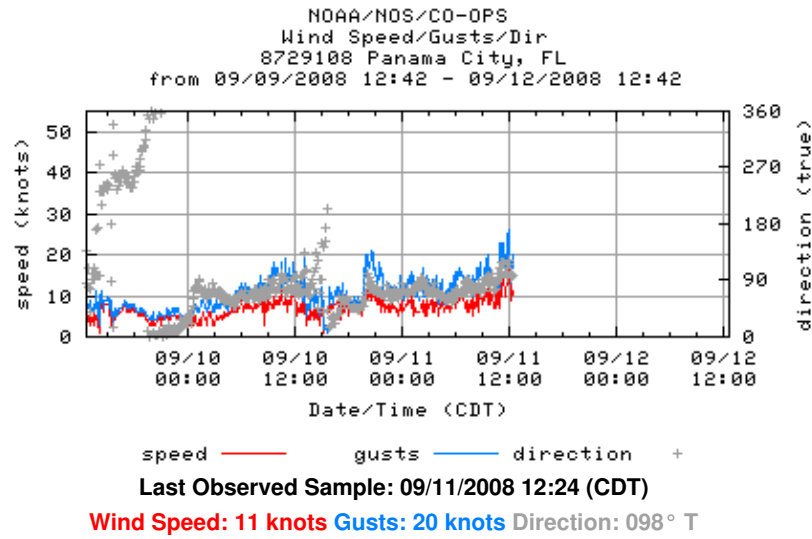
**Panama City, FL - Station Map** [Return to List](#)



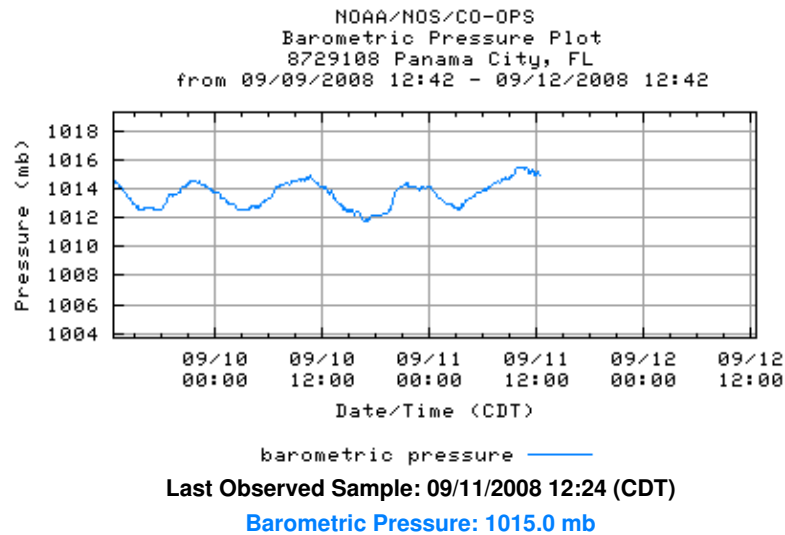
Last Observed Sample: 09/11/2008 12:24 (CDT)

**Water Temperature: 85.5° F Air Temperature: 88.2° F**

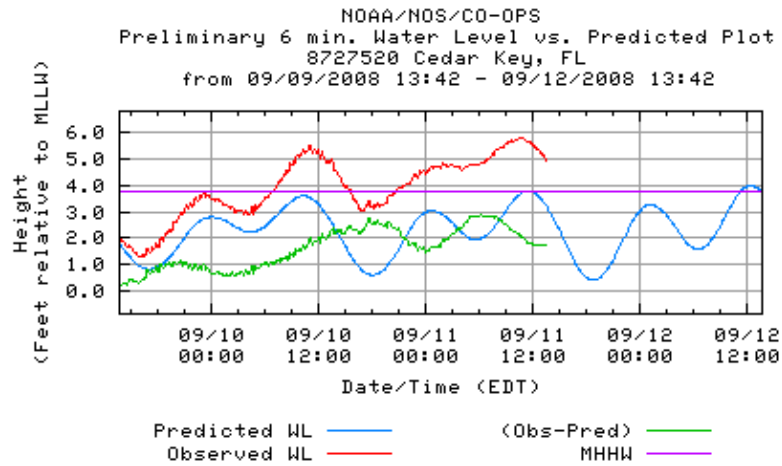
**Panama City, FL - Station Map** [Return to List](#)



**Panama City, FL - Station Map** [Return to List](#)



**Cedar Key, FL - Station Map** [Return to List](#)

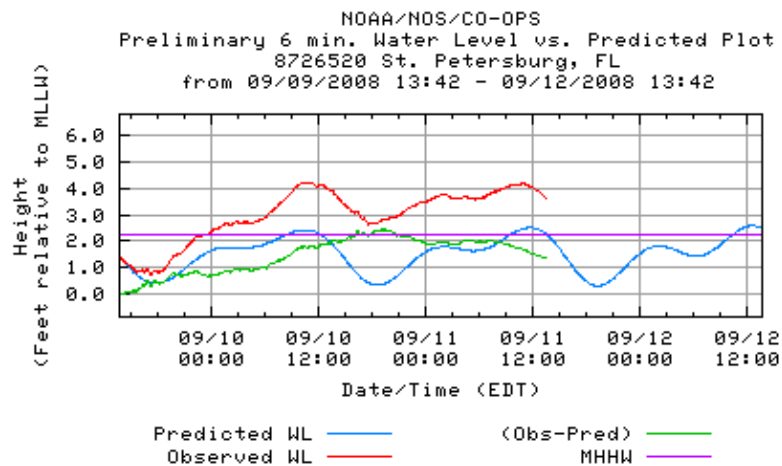


Last Observed Sample: 09/11/2008 13:30 (EDT)

Relative to **MLLW**: **Observed: 4.95 ft. Predicted: 3.23 ft. Residual: 1.72 ft.**

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

**St. Petersburg, FL - Station Map** [Return to List](#)

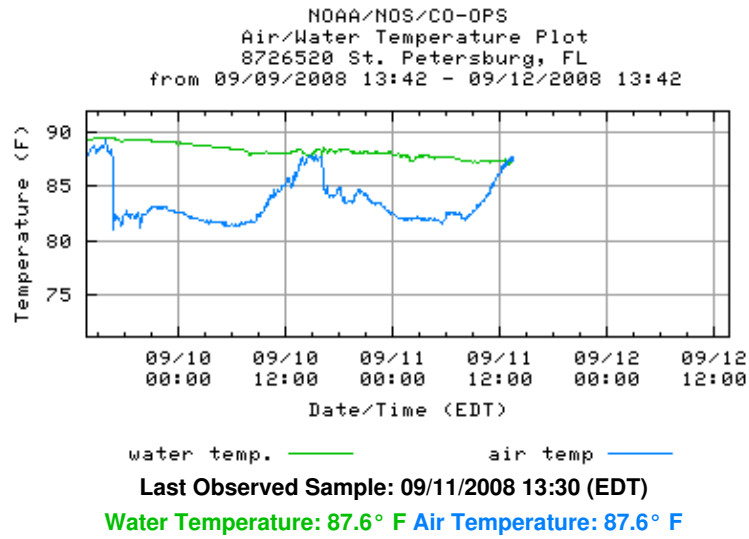


Last Observed Sample: 09/11/2008 13:30 (EDT)

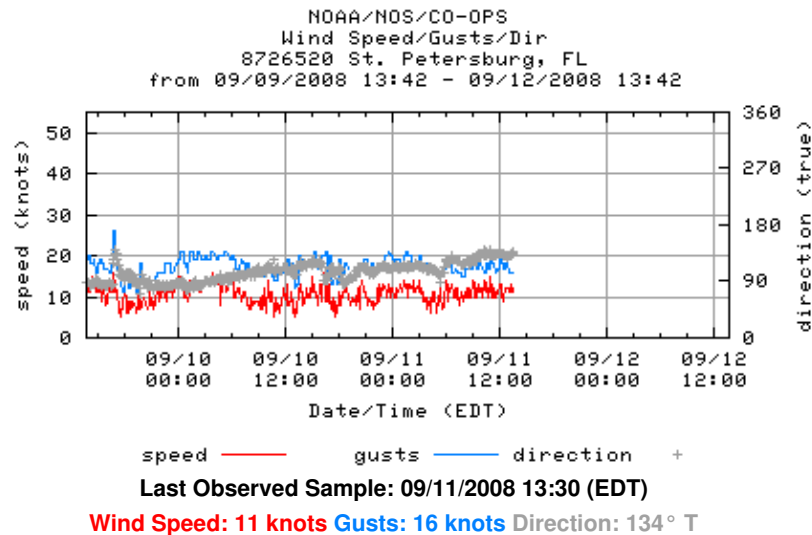
Relative to **MLLW**: **Observed: 3.62 ft. Predicted: 2.27 ft. Residual: 1.35 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

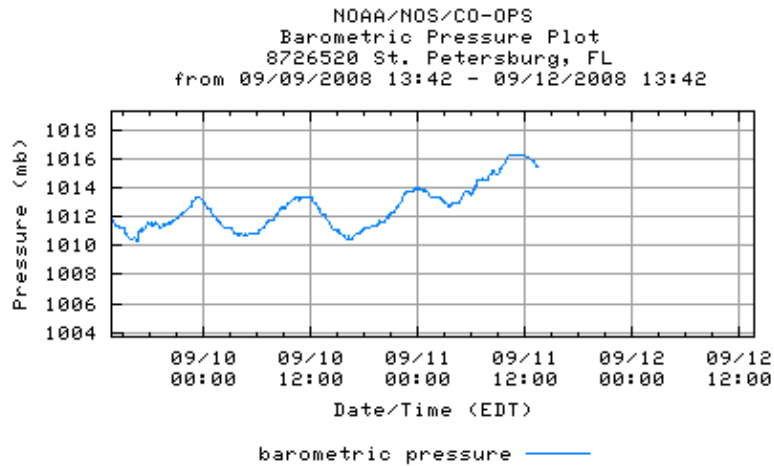
**St. Petersburg, FL - Station Map** [Return to List](#)



**St. Petersburg, FL - Station Map** [Return to List](#)



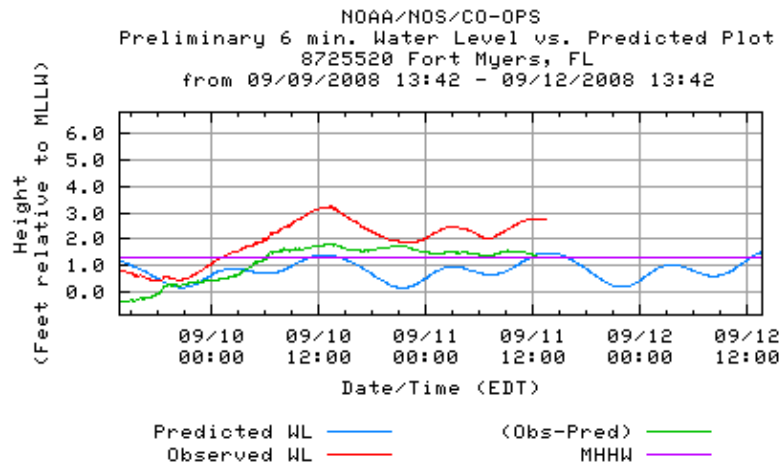
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 13:30 (EDT)

Barometric Pressure: 1015.5 mb

**Fort Myers, FL - Station Map** [Return to List](#)



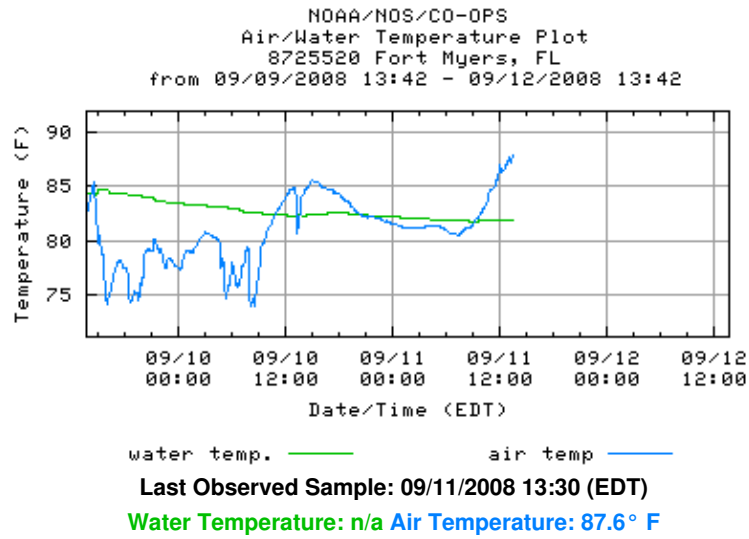
Last Observed Sample: 09/11/2008 13:30 (EDT)

Relative to **MLLW**: Observed: 2.77 ft. Predicted: 1.49 ft. Residual: 1.28 ft.

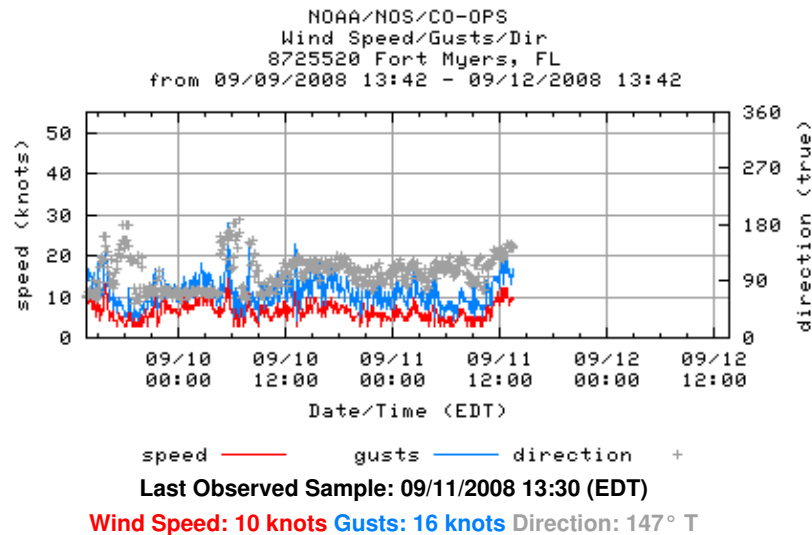
Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**



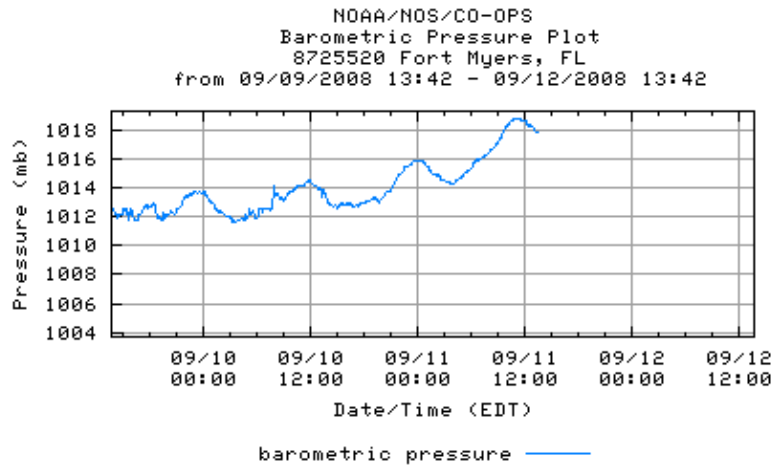
**Fort Myers, FL - Station Map** [Return to List](#)



**Fort Myers, FL - Station Map** [Return to List](#)



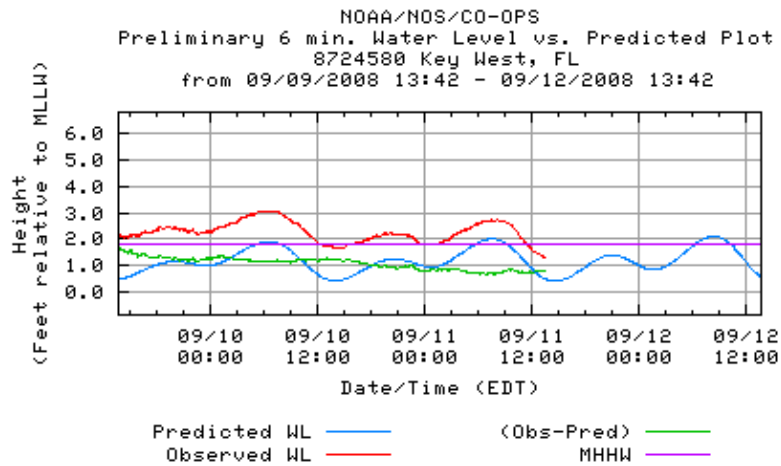
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 13:30 (EDT)

Barometric Pressure: 1017.9 mb

**Key West, FL - Station Map** [Return to List](#)

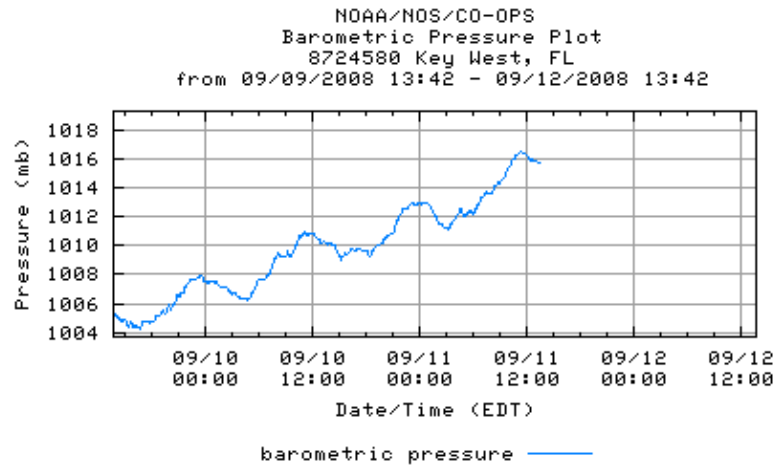


Last Observed Sample: 09/11/2008 13:30 (EDT)

Relative to **MLLW**: Observed: 1.31 ft. Predicted: 0.50 ft. Residual: 0.81 ft.

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

**Key West, FL - Station Map** [Return to List](#)



**Last Observed Sample: 09/11/2008 13:30 (EDT)**

**Barometric Pressure: 1015.7 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce